

WHAT IS CLAIMED IS:

1. An image processing method in an image processing system in which plural client computers and one or more color image forming apparatuses are  
5 connected, said method comprising the steps of:  
retrieving a list of profiles in the color image forming apparatus, by using profile name designation information of a page description language received from the client computer;  
10 setting the coincident profile to a color processing controller; and  
registering, in a case where the client computer is a new access client, information indicating access to the profile of the profile name  
15 designation information.
2. An image processing method according to Claim 1, wherein the registering is performed when the client computer is the new access client.  
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3. An image processing method according to Claim 1, wherein image data is subjected to color conversion by using an output profile already registered in the color image forming apparatus, in  
25 accordance with information in page description language data according to an image instructed to be printed by the client computer.

4. An image processing method according to Claim 3, wherein registration of the output profile is performed from the client computer.

5           5. An image processing method according to Claim 1, wherein the information indicates the number of registrations of accessing a profile of the profile name designation information.

10           6. An image processing method according to Claim 1, wherein the page description language does not include a real data portion of the profile.

15           7. An image processing method according to Claim 1, wherein the client computer holds as a registration-destination list a fact that color profiles are registered in the one or more color image forming apparatuses.

20           8. An image processing method according to Claim 1, wherein the information includes at least one of a network identifier of a user of the client computer and a client name of the user.

25           9. An image processing method according to Claim 1, wherein the information indicating the access includes at least one of a count of the number

of access registrations, a network identifier of a user of the client computer and a client name of the user.

5           10. An image processing method according to Claim 1, wherein the information indicating the access is displayed on an operation unit of the client computer or the color image forming apparatus, and an operation unit of a digital color copying  
10 machine connected to the color image forming apparatus.

          11. A program which consists of codes to execute an image processing method in an image  
15 processing system in which plural client computers and one or more color image forming apparatuses are connected, said method comprising the steps of:

          retrieving a list of profiles in the color image forming apparatus, by using profile name  
20 designation information of a page description language received from the client computer;

          setting the coincident profile to a color processing controller; and

          registering, in a case where the client  
25 computer is a new access client, information indicating access to the profile of the profile name designation information.

12. A storage medium which stores a program consisting of codes to execute an image processing method in an image processing system in which plural client computers and one or more color image forming apparatuses are connected, said method comprising the steps of:

retrieving a list of profiles in the color image forming apparatus, by using profile name designation information of a page description language received from the client computer;

setting the coincident profile to a color processing controller; and

registering, in a case where the client computer is a new access client, information indicating access to the profile of the profile name designation information.

13. An image processing method comprising the steps of:

administering profile list administration information capable of being registered and updated in a printer; and

registering access information of profile data designated by a client, to the profile list administration information.

14. A color image forming system which is

composed of a color image forming apparatus capable of using page description language data on a network to which plural client computers are connected, wherein

5           said color image forming apparatus comprises:

                  means for outputting image data;

                  means for analyzing specific page description language data and converting the analyzed data into raster image data;

10           means for analyzing a content of a specific color profile and then converting image data based on the analyzed content;

                  means for administrating a list table of at least one or more color profiles, the list table including information acting as a key to retrieve the specific color profile, and further the list table being composed of a profile real data portion;

15           means for holding data of the color profiles;

20           means for storing client discrimination information in regard to the specific color profile print-instructed from the plural client computers; and

                  means for holding information of individually discriminating the plural client computers, the information of individually discriminating the plural client computers being

linked with the list table of the specific color profiles and updated at a timing of analyzing the page description language data print-instructed from an arbitrary client computer.

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15. A color image forming system according to Claim 14, wherein the information of individually discriminating the plural client computers can be updated at a timing after print output.

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16. A color image forming system according to Claim 14, wherein the information of individually discriminating the plural client computers includes a network identifier uniquely determined on the network.

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17. An image processing method in a color image forming system in which plural clients and a color image forming apparatus are connected through a network, wherein

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the color image forming apparatus holds at least one or more color profile data, holds information concerning the client in regard to the color profile data, and judges in case of deleting the color profile data whether or not to delete the color profile data based on the information concerning the client.

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18. An image processing method according to Claim 17, wherein the information concerning the client is discrimination information in regard to each of the plural clients that accessed.

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19. An image processing method according to Claim 17, wherein the information concerning the client indicates the number of the clients that accessed.

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20. An image processing method according to Claim 17, wherein the information concerning the client is time information in regard to each of the plural clients that accessed.

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21. An image processing method according to Claim 17, wherein the color profile data is registered from the client.

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22. An image processing method according to Claim 17, wherein, in response to a request of a color profile data list, the color profile list is displayed on an operation unit of the color image forming apparatus or a dialog box of the client.

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23. An image processing method according to Claim 17, wherein a list of profile access

information in regard to each of the plural clients is displayed.

24. An image processing method according to  
5 Claim 18, wherein only the color profile that the number of the clients that accessed is equal to or higher than a profile deletion threshold.

25. An image processing method according to  
10 Claim 19, wherein the color profile is deleted based on last access date and time and current date and time.

26. A program which consists of codes to  
15 execute an image processing method in a color image forming system in which plural clients and a color image forming apparatus are connected through a network, wherein

the color image forming apparatus holds at  
20 least one or more color profile data, holds information concerning the client in regard to the color profile data, and judges in case of deleting the color profile data whether or not to delete the color profile data based on the information  
25 concerning the client.

27. A storage medium which stores a program



consisting of codes to execute an image processing method in a color image forming system in which plural clients and a color image forming apparatus are connected through a network, wherein

5           the color image forming apparatus holds at least one or more color profile data, holds information concerning the client in regard to the color profile data, and judges in case of deleting the color profile data whether or not to delete the  
10 color profile data based on the information concerning the client.

28. A color image forming system in which plural client computers and a color image forming  
15 apparatus are connected through a network, comprising:

means for administrating a color profile list table including information acting as a key to retrieve at least one ore more specific color  
20 profiles and composed of a real data portion of the color profile;

means for holding data of the color profile;

means for storing client-classified discrimination information in regard to the specific  
25 color profile print-instructed from the plural client computers;

means for storing client-classified access

information using the specific color profile,  
incidentally on the client-classified discrimination  
information;

means for deleting an arbitrary color profile  
5 list table and its color profile data; and

means for judging, in case of deleting the  
color profile list table and its color profile data,  
whether or not to delete the color profile data based  
on the client-classified information or the client-  
10 classified access information.